

1.1.2. Area of Rectangle

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Write a Python program to calculate the area of a rectangle given its length and width.

Formula:  
Area of Rectangle = Length  $\times$  Width

Input Format:

- First line contains a float value representing the length of the rectangle
- Second line contains a float value representing the width of the rectangle

Output Format:

- Print the area of the rectangle as a float value formatted to 2 decimal places.

Sample Test Cases

areaOfRe...

1 length = float(input())  
2 width = float(input())  
3 area = length \* width  
4 print(f"area: .2f")

Submit

## Algorithm To Calculate Area of a Rectangle

**Step 1:** Start

**Step 2:** Declare variables length, breadth, and area

**Step 3:** Read the values of length and breadth

**Step 4:** Calculate the area using the formula

$$\text{area} = \text{length} \times \text{breadth}$$

**Step 5:** Display the calculated area

**Step 6:** Stop

